SEQUENCE LISTING

<110> Bristol-Myers Squibb Company

Han, Amy Qi

Glunz, Peter W.

<120> Alpha-Ketoamide Inhibitors of Hepatitis C Virus NS3 Protease

<130> PH-7118

<140> US 09/728,653

<141> 2000-12-01

<150> US 60/168,998

<151> 1999-12-03

<160> 11

<170> PatentIn version 3.1

<210> 1

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<212> PRT

<213> Artificial Sequence

<220>

<223> The synthesis of this peptide may be performed on an ABI 43A peptide synthesizer using readily available materials well known to ordinarily skilled artisans

<400> 1

Met Gly Ala Gln His
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<210> 2

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> The synthesis of this peptide may be performed on an ABI 43A peptide synthesizer using readily available materials well known to ordinarily skilled artisans

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Met Arg Gly Ser His His His His His His Met Gly Ala Gln His
1 5 10 15

<210> 3

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ester substrate synthesized by methods disclosed in Taliani et al., Anal. Biochem., 240, 60-67, 1996.

<220>

<221> ACETYLATION

<222> (1)..(1)

<223> acetyl group

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Aspartic acid modified with EDANS, 5-[(2'-aminoethyl)amino]naphthylene sulfonic acid

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<221> MISC_FEATURE

<222> (6)..(6)

<223> 2-amino butyric acid bonded through an ester group

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<221> MOD_RES

<222> (9)..(9)

<223> Lysine modified by Dabcyl; 4-[[4'(dimethylamino)phenyl]azo]benzoic acid

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Asp Glu Asp Glu Glu Xaa Ala Ser Lys
1 5

<210> 4

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<220>

<223> The synthesis of this peptide may be performed on an ABI 43A peptide synthesizer using readily available materials well known to ordinarily skilled artisans

<220>

<221> ACETYLATION

<222> (1)..(1)

<223> Acetylation

<220>

<221> AMIDATION

<222> (4)..(4)

<223> para-nitroanaline

<400> 4

Glu Glu Ala Cys
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<210> 5

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<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized by standard organic chemistry laboratory methods.

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<222> (6)..(6)

<223> Boro-allylglycine

<400> 5

Asp Glu Val Val Pro Xaa
1 5

<210> 6

<211> 23

<212> PRT

<213> Artificial Sequence

<220>

<223> The synthesis of this peptide may be performed on an ABI 43A peptide synthesizer using readily available materials well known to ordinarily skilled artisans

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Lys Lys Gly Ser Val Val Ile Val Gly Arg Ile Val Leu Ser Gly Lys
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Pro Ala Ile Ile Pro Lys Lys
20

<210> 7

<211> 6

<212> PRT

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<220>

<223> Synthesized by standard organic chemistry laboratory methods.

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> Boro-allylglycine pinanediol ester

<400> 7

Asp Glu Val Val Pro Xaa
1 5

<210> 8

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized by standard organic chemistry laboratory methods.

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<221> MOD_RES

<222> (1)..(1)

<223> N-terminal Protecting Group: t-Butoxycarbonyl
Delta-Carboxy Ester: t-Butyl

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<222> (2)..(2)

<223> Gamma-Carboxy Ester: t-Butyl

<400> 8

Asp Glu Val Val Pro
1 5

<210> 9

<211> 4

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<223> N-terminal Protecting Group: benzyloxycarbonyl
Gamma-Carboxy Ester: t-Butyl

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<222> (4)..(4)

<223> Benzyl Esterfication

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<223> Synthesized by standard organic chemistry laboratory methods.

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<222> (1)..(1)

<223> Gamma-Carboxy Ester: t-Butyl

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Glu Val Val Pro
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<223> Synthesized by standard organic chemistry laboratory methods.

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<221> MOD_RES

<222> (1)..(1)

<223> N-terminal Protecting Group: t-Butoxycarbonyl
Delta-Carboxy Ester: t-Butyl

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<222> (2)..(2)

<223> Gamma-Carboxy Ester: t-Butyl

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<221> MISC_FEATURE

<222> (6)..(6)

<223> Boro-allylglycine pinanediol ester

<400> 11

Asp Glu Val Val Pro Xaa
1 5